



Part Number	PS-200-AC-DC
Power	200 kW
Transformer	Isolation Transformer
Full Load Efficiency	> 95%

## ELECTRICAL SPECIFICATIONS

AC Input	Any 3-phase AC mains specified by the customer
AC Input Connection	Terminal Block
DC Output Voltage	1 - 400 V
DC Output Current	1 - 500 A
Ripple	< 1%
Load Regulation [Dynamic Variation]	< 2%
Regulation Time Response to the variation of Load or Line Voltage	< 100 ms
Stability of the Output Voltage [Static Variation]	< 0.5%
Transient Suppression Circuit	Yes - to avoid release of energy back into the circuit when the load gets switched off
Power Supply Short Circuit Protection	Yes - Magnetic Switch, Diode, Surge Arrester and Varistor
Inrush Current	Setup through the control panel: <150% of the current value for 6secs

## CONTROL PANEL

Regulation System	Command Buttons
Display	LCD Display 4 x 40 characters
Voltage Resolution	± 0.1 V
Current Resolution	± 1.0 A

## COMMUNICATION INTERFACES

RS232	Yes - SCPI protocol
Ethernet	Yes - SCPI protocol

## MECHANICAL [Dimensions W x D x H / Weight]

Cabinet	2000mm x 800mm x 2000mm (wheels excluded)	TBC
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## ENVIRONMENTAL

Cooling	Air Forced Circulation
Operating Temperature	0° - 40°C
Storage Temperature	-40° - 85°C
Noise level	70dBA

## REGULATORY

Safety & EMC	CEI EN 62040-1, EN 62040-2, EN62040-3, EN 60950-1:2007-02
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